

FORM PTO-1449
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

Sheet 1 of 3

Atty. Docket No.: 290397.0012
Applicant: John W. Evans, et al.

U.S. Serial No.: 09/935,897
U.S. Filing Date: August 23, 2001

For: **REDUCED TOXICITY ETHYLENE GLYCOL-BASED ANTIFREEZE/HEAT
TRANSFER FLUID CONCENTRATES AND ANTIFREEZE/HEAT
TRANSFER FLUIDS**

U.S. PATENT DOCUMENTS

<u>Examiner's Initials</u>	<u>Document Number</u>	<u>Date</u>	<u>Inventor</u>	<u>Class/ Subclass</u>
<u>PA</u>	4,117,214	September 26, 1978	Parks et al.	427/220
<u>RA</u>	4,382,870	May 10, 1983	Abel et al.	252/75
<u>RA</u>	4,452,715	June 5, 1984	Hirozawa	252/75
<u>RA</u>	4,455,248	June 19, 1984	Wood	252/75
<u>RA</u>	4,545,925	October 8, 1985	Bosen et al.	252/389
<u>RA</u>	4,550,694	November 5, 1985	Evans	123/41.02
<u>RA</u>	4,561,990	December 31, 1985	Darden	252/75
<u>RA</u>	4,630,572	December 23, 1986	Evans	123/41.21
<u>RA</u>	4,698,172	October 6, 1987	Tye et al.	252/70
<u>RA</u>	4,699,726	October 13, 1987	Nolin et al.	252/75
<u>RA</u>	4,717,495	January 5, 1988	Hercamp et al.	252/75
<u>RA</u>	4,743,393	May 10, 1988	Hirozawa	252/75
<u>RA</u>	4,758,367	July 19, 1988	George	252/75

RA	4,759,864	July 26, 1988	Van Neste et al.	252/75
RA	4,946,616	August 7, 1990	Falla et al.	252/75
RA	4,978,469	December 18, 1990	Seaman, Jr.	252/170
RA	5,085,791	February 4, 1992	Burns	252/79
RA	5,085,793	February 4, 1992	Burns et al.	252/79
RA	5,118,434	June 2, 1992	Meyer et al.	252/70
RA	5,240,631	August 31, 1993	Mascioli et al.	252/75
RA	5,366,651	November 22, 1994	Maes et al.	252/76
RA	5,385,688	January 31, 1995	Miller et al.	252/73
RA	5,422,026	June 6, 1995	Greaney	252/73
RA	5,591,375	January 7, 1997	Lott et al.	252/70
RA	5,651,916	July 29, 1997	Weir	252/74
RA	5,811,025	September 22, 1998	Kawai et al.	252/70
RA	5,817,252	October 6, 1998	Hu et al.	252/70
RA	5,935,488	August 10, 1999	Wiesenfeld et al.	252/70
RA	5,997,763	December 7, 1999	Pabon, Jr. et al.	252/79
RA	6,143,243	November 7, 2000	Gershun et al.	422/13
RA	6,228,283	May 8, 2001	Turcotte et al.	252/76

FOREIGN PATENT DOCUMENTS

Examiner's Initials	Document Number	Publication		Class/ Subclass	Translation	
		Date	Country		Yes	No
<u>BA</u>	WO 89/09806	19 October 1989	PCT	252/74, 75, 77	Yes	
<u>BA</u>	WO 96/37570	28 November 1996		C09K	Yes	
<u>BA</u>	0 552 988 A1	28 July 1993	EP	C09K	Yes	
<u>BA</u>	0 552 988 B1	28 July 1993	EP	C09K	Yes	
<u>BA</u>	0 555 002 A1	11 August 1993	EP	C09K	Yes	
<u>BA</u>	EP 0 761 797 A2	12 March 1997	EP	C09K	Yes	
<u>BA</u>	EP 0 761 797 A3	12 March 1997	EP	C09K	Yes	
<u>BA</u>	0 369 100 A1	23 May 1990	EP	C09K	Yes	
<u>BA</u>	JP 3-31388	2 December 1991	JP	C09K	Yes	
<u>BA</u>	JP 55-125181	26 September 1980	JP	C09K/C03	Yes	

OTHER DOCUMENTS

BA Chen, "Antidotes for Methanol and Ethylene Glycol Poisonings", Chin Med Journal 1998; 61:S14.

BA Zadrozny, A.J., "Propylene Glycol Coolant: A Safer Alternative for Heavy Duty Vehicles", Society of Automotive Engineers, Inc. 1993.

EXAMINER

BA

DATE CONSIDERED

3/7/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).